NEOGRID

Energy efficiency on a completely new level – with up to 122 lm/W the LED Baselight NEOGRID outranges even modern fluorescent lamp technologies. DALI controllable lumen packages of more than 3,100 lm combined with excellent light quality and compliance to the EN 12464 make this unobtrusive louver luminaire the perfect solution for today's office environments. All this is rounded off with a comprehensive product line-up, offering optimized flexibility and meeting various application requirements.

Application:

- High-quality office task area lighting with UGR ≤ 19
- Very efficient replacement of conventional 4/14 W and 4/18 W louver luminaires
- Energy saving and flexibility through DALI compatibility
- Seamless integration into 600 mm or 625 mm grid ceilings

TOSHIBA
Leading Innovation

Product details

- Highly efficient LED louver luminaire
- Up to 122 lm/W system efficacy
- Up to 3,650 lm system output
- UGR ≤ 19 for task area lighting according to EN 12464
- Efficient replacement of up to 4/14 W T16 and 4/18 W T26 conventional louver luminaires
- White or Aluminium specular reflector surface
- Elegant design for an unobtrusive integration into ceiling systems
- Flexibility through DALI controllability
- For 600 x 600 mm or 625 x 625 mm grid ceilings

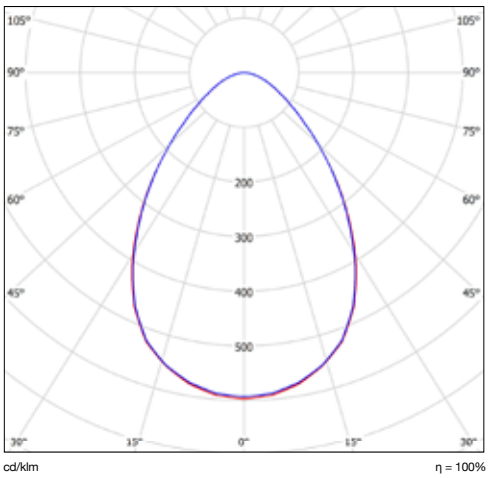
DALI

Optical parameters

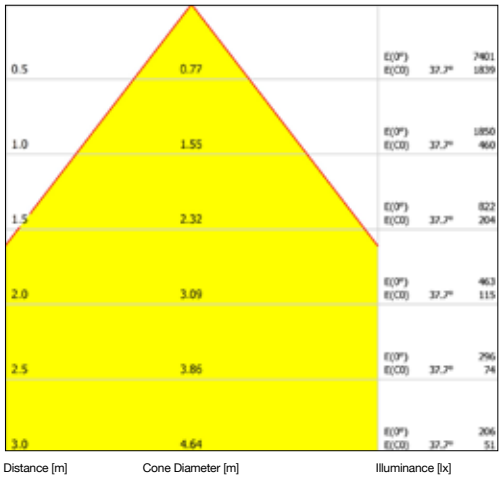
MODEL NAME	NEOGRID 600/625			
Product code	LEDEUR00004D30 / LEDEUR00005D30	LEDEUR00004D40 / LEDEUR00005D40	LEDEUR00006D30 / LEDEUR00007D30	LEDEUR00006D40 / LEDEUR00007D40
Reflector	White	White	Aluminium specular	Aluminium specular
Colour description	Warm white	Neutral white	Warm white	Neutral white
Colour temperature (K)	**3000**	**4000**	**3000**	**4000**
Luminous flux (nominal) (lm)	3,100	3,350	3,370	3,650
System efficacy (lm/W)	103	112	112	122
Colour rendering index (Ra)	80	80	80	80
UGR	≤ 19	≤ 19	≤ 16	≤ 16

POLAR CANDELA DISTRIBUTION

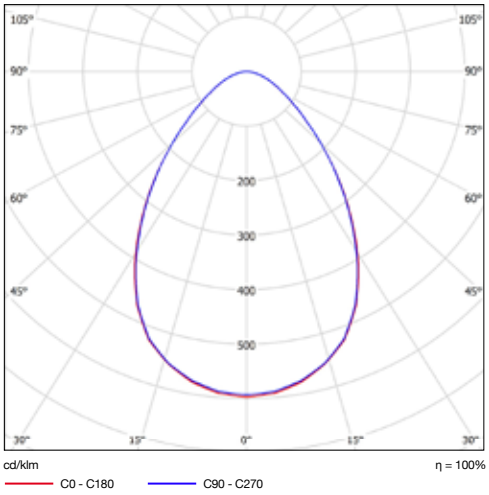
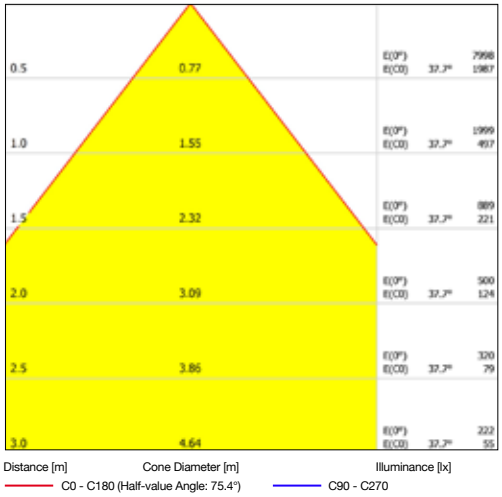
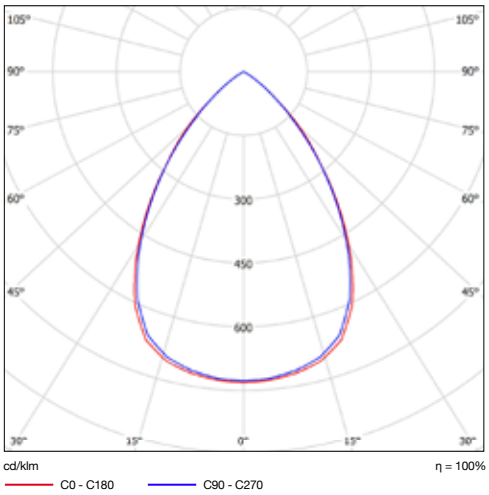
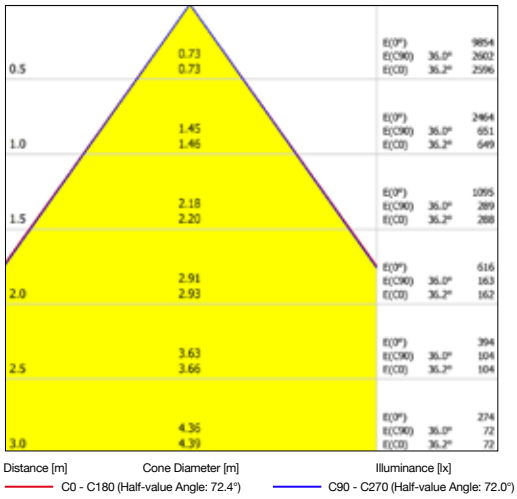
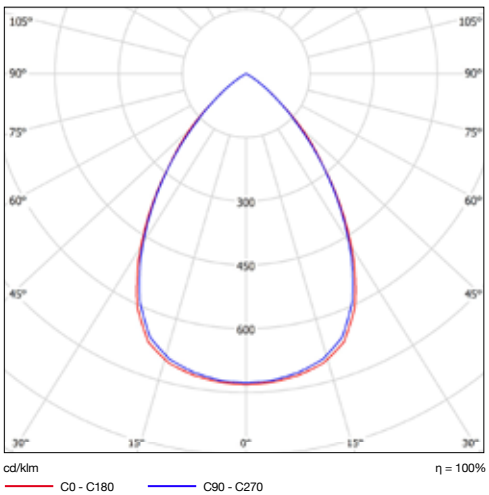
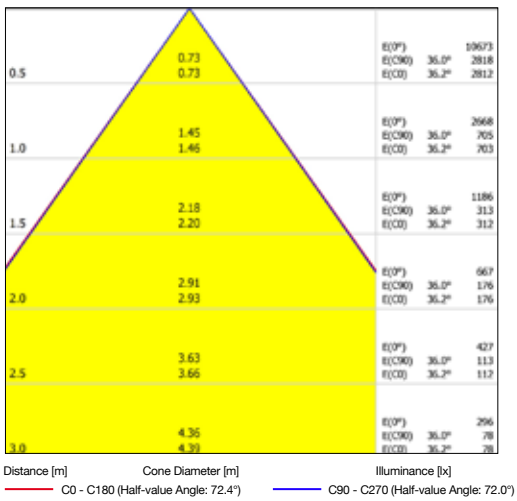
LEDEUR00004D30 / LEDEUR00005D30



ILLUMINANCE



Optical parameters

	POLAR CANDELA DISTRIBUTION	ILLUMINANCE
LEDEUR00004D40 / LEDEUR00005D40		
LEDEUR00006D30 / LEDEUR00007D30		
LEDEUR00006D40 / LEDEUR00007D40		

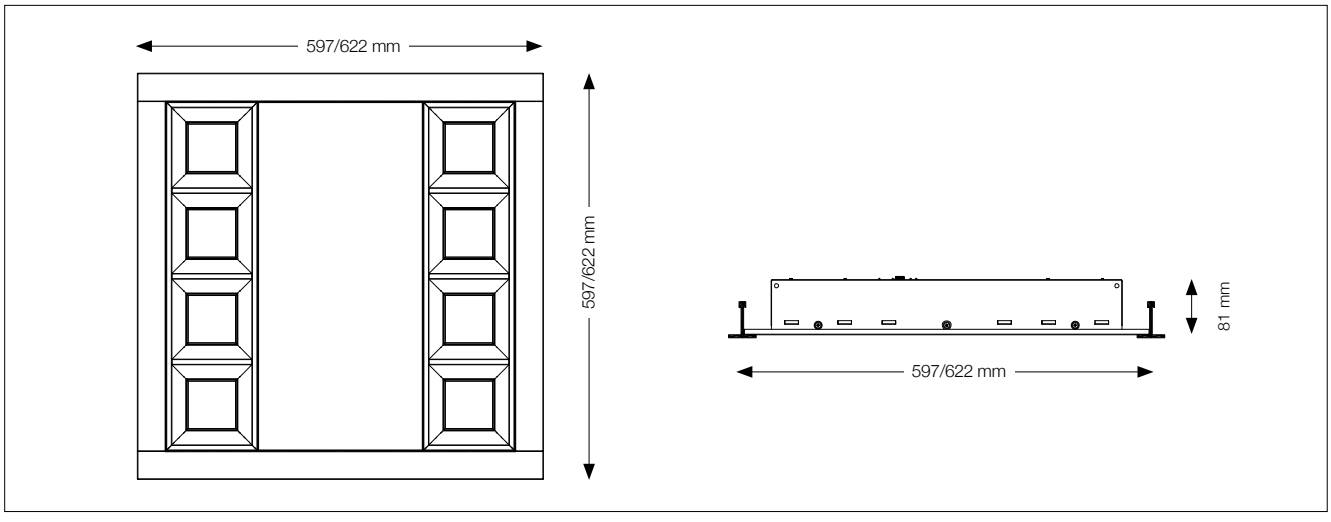
Electrical parameters

MODEL NAME	NEOGRID 600/625
Rated wattage	30 W
System efficacy	up to 122 lm/W
Rated voltage	220 – 240 V
Frequency	50/60 Hz
Power factor	≥ 0.9
Rated lifetime	50,000 h
Lumen maintenance	70% at the rated lifetime
Connection	3 x (0.8 – 1.8) mm²
Controllable / Dimmable	Yes, DALI
Dimming level	5 – 100 %
DALI connection	2 x (0.8 – 1.8) mm²

Mechanical parameters

MODEL NAME	NEOGRID 600	NEOGRID 625
Material	Aluminium	Aluminium
Colour	White	White
Type of installation	Lay-in 600 x 600 mm standard grid ceilings	Lay-in 625 x 625 mm standard grid ceilings
Electrical class	I	I
IP rating	IP20	IP20
IK rating	IK07	IK07
LED module	Integrated (non-replaceable)	Integrated (non-replaceable)
Glow wire temperature	850 °C	850 °C
Approval mark	CE, ENEC	CE, ENEC
Operation temperature	-5°C - +40 °C	-5°C - +40 °C
Dimension (L x W x H)	597 x 597 x 81 mm	622 x 622 x 81 mm
Net weight	4,750 g	4,900 g

Drawings



Logistic data

PRODUCT CODEW	EAN/ITF CODE	DESCRIPTION	SIZE OF PACKAGING (mm) L x H x W	GROSS WEIGHT (g)
LEDEUR00004D30	4974550456746	NEOGRID 600 / 30 W / 3000 K / WH	745 x 745 x 120	7350
LEDEUR00004D40	4974550456739	NEOGRID 600 / 30 W / 4000 K / WH	745 x 745 x 120	7350
LEDEUR00006D30	4974550456784	NEOGRID 600 / 30 W / 3000 K / AL	745 x 745 x 120	7350
LEDEUR00006D40	4974550456777	NEOGRID 600 / 30 W / 4000 K / AL	745 x 745 x 120	7350
LEDEUR00005D30	4974550456760	NEOGRID 625 / 30 W / 3000 K / WH	745 x 745 x 120	7500
LEDEUR00005D40	4974550456753	NEOGRID 625 / 30 W / 4000 K / WH	745 x 745 x 120	7500
LEDEUR00007D30	4974550456807	NEOGRID 625 / 30 W / 3000 K / AL	745 x 745 x 120	7500
LEDEUR00007D40	4974550456791	NEOGRID 625 / 30 W / 4000 K / AL	745 x 745 x 120	7500

Handling and safety information

- Do not cover the lamp with paper, cloth or other easily flammable materials
- Do not expose the lamp to water or high humidity
- Avoid additional mechanical stress on the lamp
- Do not touch the lamp during or shortly after usage. Risk of burn!
- Use only with recommended dimmers
- Ambient temperature range: +5 °C to +40 °C
- Do not look directly into the lamp
- Do not spray pesticide on this lamp
- Please ensure the mains power is disconnected before undertaking any work on the luminaire or lamp

www.toshiba.eu/lighting

06/2013

Product specifications and configurations, and availability of products are subject to change. Variations in product design and product features are subject to change. Colours may vary from illustration. Errors and omissions excepted.
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